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Analyzing diffuse scattering with supercomputers. Corrigendum

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Errors in the paper by Michels-Clark, Lynch, Hoffmann, Hauser, Weber, Harrison & Bürgi [*J. Appl. Cryst.* (2013), **46**, 1616–1625] are corrected.

The paper by Michels-Clark *et al.* (2013) contains misleading errors which are corrected here. The numerical results reported in that paper and the conclusions given there are not

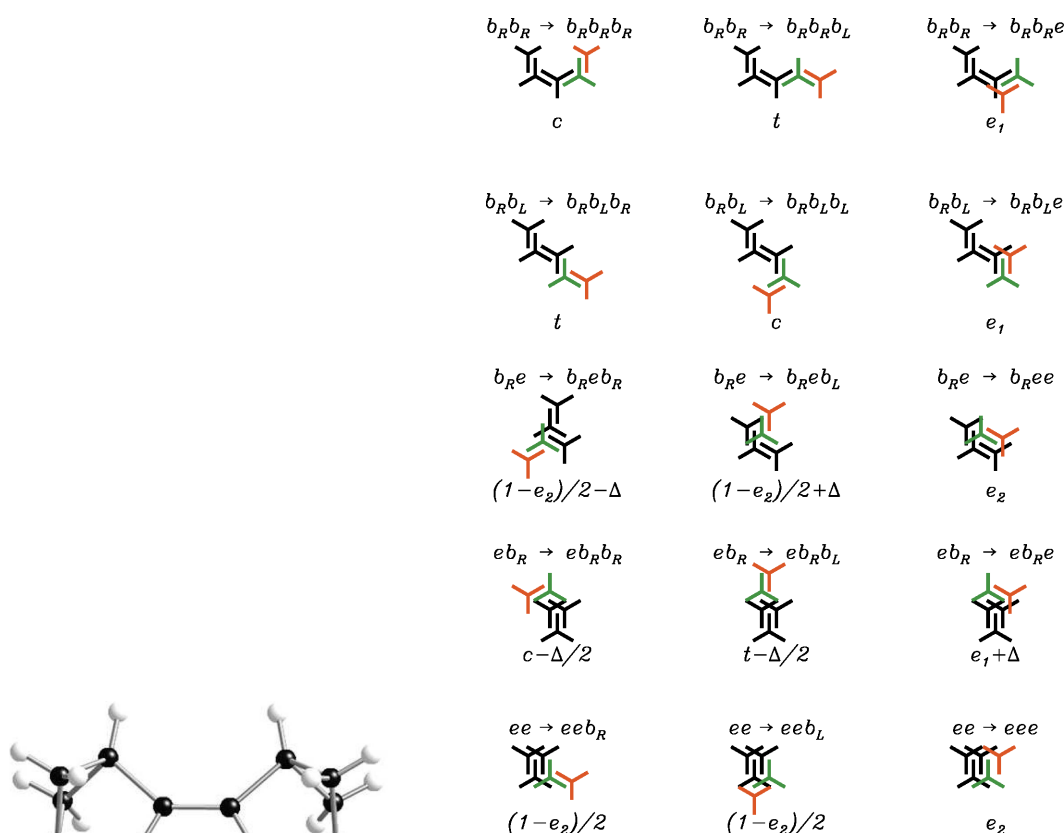


Figure 1
[Revised version of Fig. 2 of Michels-Clark *et al.* (2013).] Examples of unique five-layer stacking motifs: layers 1, 2, 3 in solid black from left to right, layer 4 in green, and layer 5 in red. In the actual crystal structure overlapping arms of molecules in neighboring layers sit on top of each other, but they are slightly displaced here for clarity. The symbols above each motif describe the four- and five-layer stacks. The abbreviations b_L , b_R , e (bent left, bent right, eclipsed) characterize the three possible three-layer stacks. A four-layer stack is defined by two symbols and a five-layer stack by three symbols. Respective transition probabilities from four- to five-layer stackings are given at the bottom of each motif.

Table 1
(Revised) The transition matrix **T** of probabilities for extending the left-hand column of four-layer motifs into the top row of new four-layer motifs. Once a new motif is formed by adding a new fifth layer, the first layer and thus the first motif are dropped. The meaning of the symbols is described in the original paper (Michels-Clark *et al.*, 2013).

From	To								
	$\dots eb_L$	$\dots eb_R$	$\dots ee$	$\dots b_L b_R$	$\dots b_L b_L$	$\dots b_L e$	$\dots b_R b_L$	$\dots b_R b_R$	$\dots b_R e$
eb_L	0	0	0	$t - \Delta/2$	$c - \Delta/2$	$e_1 + \Delta$	0	0	0
eb_R	0	0	0	0	0	0	$t - \Delta/2$	$c - \Delta/2$	$e_1 + \Delta$
ee	$(1 - e_2)/2$	$(1 - e_2)/2$	e_2	0	0	0	0	0	0
$b_L b_R$	0	0	0	0	0	0	t	c	e_1
$b_L b_L$	0	0	0	t	c	e_1	0	0	0
$b_L e$	$(1 - e_2)/2 - \Delta$	$(1 - e_2)/2 + \Delta$	e_2	0	0	0	0	0	0
$b_R b_L$	0	0	0	t	c	e_1	0	0	0
$b_R b_R$	0	0	0	0	0	0	t	c	e_1
$b_R e$	$(1 - e_2)/2 + \Delta$	$(1 - e_2)/2 - \Delta$	e_2	0	0	0	0	0	0

affected and remain unchanged. The transition probabilities in Table 1 (rows 4, 5, 7, 8) and Fig. 2 (rows 1 and 2) of the original paper were different from those used in the numerical calculations. Corrected transition probabilities as used in the computations are given in Table 1 and Fig. 1 of this article. The Δ parameter in the stacking model expresses the preference for the fifth layer in a five-layer stack to be eclipsed with respect to the first layer. This statement corrects the original text on p. 1622, lines 4–7. In the original Fig. 2 the helicity of

the layer stacks b_L and b_R in rows 3 and 4 had been given as opposite to those in rows 1, 2 and 5. Fig. 1 of this article shows rows 3 and 4 corrected to correspond to rows 1, 2 and 5.

References

Michels-Clark, T. M., Lynch, V. E., Hoffmann, C. M., Hauser, J., Weber, T., Harrison, R. & Bürgi, H. B. (2013). *J. Appl. Cryst.* **46**, 1616–1625.